

**Abstract**

[28] Certain exemplary embodiments comprise a programmable cable further comprising a first end connectable to a PLC and a second end connectable to a network communications device, the network communications device further couplable to a user interface device. The programmable cable can be adapted to store a plurality of configuration parameters in an operative embodiment, the programmable cable can be adapted to automatically configure the network communications device by communicating at least one of a plurality of configuration parameters to the network communications device comprising a pin number. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. This abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims. 37 CFR 1.72(b).